

# APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office OCT 2 1980

Returned to applicant for correction \_\_\_\_\_

Corrected application filed NOV 7 1980Map filed NOV 7 1980The applicant Hydrothermal Energy Corporation2519 Horseshoe Canyon Road, of Los Angeles,  
Street and No. or P.O. Box No. City or TownCalifornia 90046, hereby make application for permission to appropriate the public  
State and Zip Code No.waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) May, 1978 Delaware1. The source of the proposed appropriation is Underground  
Name of stream, lake or other source.2. The amount of water applied for is 2.5 cfs second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet \_\_\_\_\_ acre-feet

3. The water to be used for Geothermal  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated) \_\_\_\_\_

(b) Stockwater (state number and kinds of animals to be watered) \_\_\_\_\_

(c) Other use (describe fully under "No. 12. Remarks") \_\_\_\_\_

(d) Power:

(1) Horsepower developed \_\_\_\_\_

(2) Point of return of water to stream \_\_\_\_\_

5. The water is to be diverted from its source at the following point: NE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 23, T19N,R19E, MDM, at a point from which the E $\frac{1}{4}$  section corner of said  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,  
Section 23 bears N 63° E 810 feet  
it should be stated.6. Place of use NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23, T19N, R19E, MDM  
Describe by legal subdivision, if on unsurveyed land it should be so stated.7. Use will begin about January 1 and end about December 31, of each year.  
Month and Day Month and Day8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) water to be diverted from well with  
pump and transported to heat exchanger and returned to the  
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.  
ground via pipes.

9. Estimated cost of works.....\$50,000.00
10. Estimated time required to construct works.....2 years
11. Estimated time required to complete the application to beneficial use.....10 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Annual consumptive use will be 0 acre-feet. Water to be returned to the same zone from which it is extracted.

Please send copies to Mark Pack (Site Mgr.) P.O. Box 1477, Reno, Nevada 89502 and the undersigned agent

Applicant.....

By.....s/William A. Nisbet  
Agent  
421 Court  
Elko, Nevada 89801

Compared.....ha/bc.....gk/bc

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit is to appropriate geothermal fluids only and all cold, fresh water aquifers are to be sealed off to prevent waste and contamination.

The used geothermal fluids are to be returned to the source.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....2.5.....cubic feet per second, but not to exceed 94 million gallons annually.

Actual construction work shall begin on or before.....N/A

Proof of commencement of work shall be filed before.....N/A

Work must be prosecuted with reasonable diligence and be completed on or before.....July 9, 1982

Proof of completion of work shall be filed before.....August 9, 1982

Application of water to beneficial use shall be made on or before.....July 9, 1985

Proof of the application of water to beneficial use shall be filed on or before.....August 9, 1985

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....SEP 20 1984  
Completion of work filed.....  
Proof of beneficial use filed.....  
Cultural map filed.....  
Certificate No.....Issued.....

IN TESTIMONY WHEREOF, I, PETER G. MORROS  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this 9th day of JULY

A.D. 1981

*[Signature]*  
State Engineer

CANCELLED DEC 27 1993  
BECAUSE OF FAILURE  
OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT  
*[Signature]*  
STATE ENGINEER